PATENT APPLICATION FEE DETERMINATION RECORD 1581966-Effective December 8, 2004 OTHER THAN CLAIMS AS FILED - PART I SHALL ENTITY OR SMALL ENTITY TYPE [(Cotumn 2) (Column 1) FEE RATE FEE RATE TOTAL CLAIMS BASIC FEE OR BASIC FEE NUMBER EXTRA NUMBER FILED FOR X\$50= OR X\$ 25= TOTAL CHARGEABLE CLAIMS minus 20= X200= X100= OR minus 3 = INDEPENDENT CLAIMS MULTIPLE DEPENDENT CLAIM PRESENT +360= OR +180= • If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL OTHER THAN CLAIMS AS AMENDED - PART II SMALL ENTITY SMALL ENTITY OR (Column 3) (Column 2) ADDI-(Column 1) ADDI-HIGHEST TIONAL CLAIMS PRESENT RATE NUMBER TIONAL RATE REMAINING FEE AMENDMENT A EXTRA PREVIOUSLY FEE AFTER PAID FOR MENDMENT X\$50= OR X\$ 25= Minus Total X200= X100= OR Minus independent FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +360= OR +180= TOTAL NA ADDIT, FEE ADDIT. FEE (Column 2) (Column 3) ADDI-(Column 1) ADDI-HIGHEST CLAIMS TIONAL PRESENT RATE NUMBER TIONAL RATE REMAINING Ø FEE EXTRA POFVIOUSLY FEE AFTER AMENDMENT PAID FOR AMENDMENT X\$50= X\$ 25= OR Mirus Total X200= X100= OR Minus Independent FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +360= +180= OR TOTAL OR ADDIT. FEE ADDIT. FEE (Column 3) (Column 2) ADD1-(Column 1) ADDI-HIGHEST CLAIMS TIONAL PRESENT TIONAL RATE NUMBER RATE REMAINING O PREVIOUSLY EXTRA FEE AFTER FEE AMENDMENT PAID FOR AMENDMENT X\$50= X\$ 25= OR Minus Total X200= Minus X100= OR independent FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +360= OB +180 =TOTAL . If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL OR Will The Trighest Number Previously Paid For IN THIS SPACE is less than 20, order "20." ADDIT, FEE

"If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

ADDIT. FEE